

## CLAIMS

1. A method for producing a labeled nucleic acid or protein,  
wherein the method comprises binding the nucleic acid or protein to  
5 an LSI, and recording specific information on the LSI.

2. The method of claim 1, wherein the specific information is  
characteristic to the nucleic acid or protein bound to the LSI.

3. The method of claim 1, wherein a substrate mediates the  
binding of the nucleic acid or protein to the LSI.

10 4. The method of claim 3, wherein the substrate is selected from  
the group consisting of cellulose vinyl acetate,  $\alpha$ -cyanoacrylate,  
silicon denatured polymer, epoxy resin, and calcium sulfate.

5. The method of claim 1, wherein an antibody bound to the protein  
mediates the binding of the protein to the LSI.

15 6. The method of claim 1, wherein a sugar chain of the protein  
is attached to the LSI, and a characteristic of the sugar chain of  
the protein is described on the LSI.